

SPECPLUS SPS2GFSVA2FT or 3FT

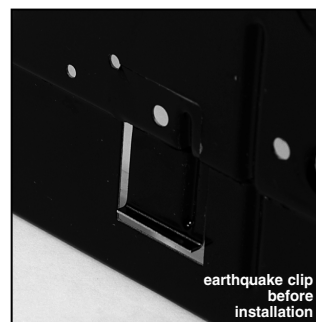
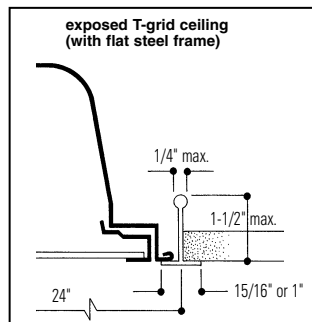
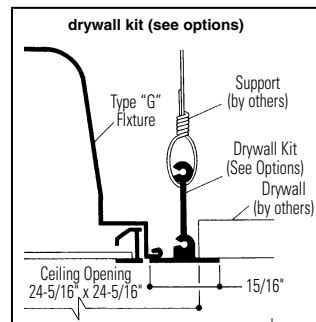
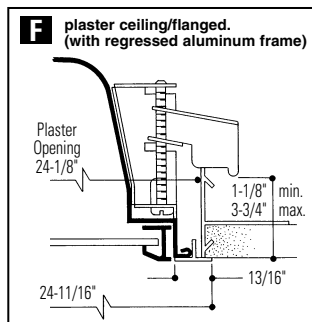
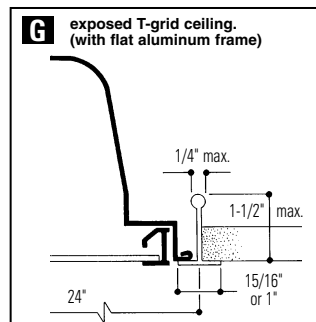
Page 1 of 2 2'x2' RECESSED FLUORESCENT, LENS FRAME TROFFER, STATIC, 2 OR 3 LAMP, TWIN TUBE T5

Features

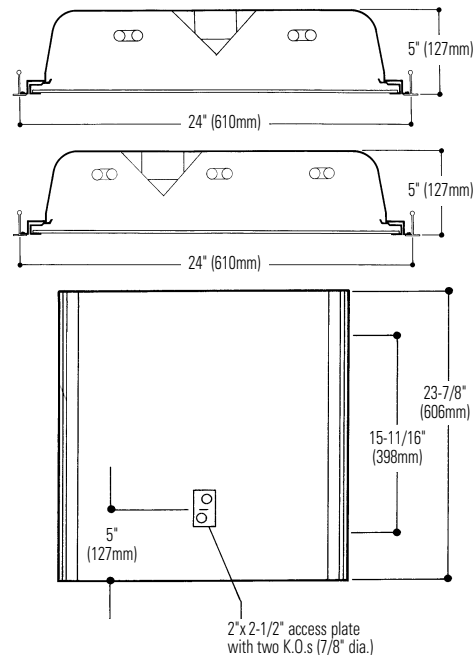
- 5" deep body.
- 3 1/4" lamp to lens for better lamp obscuration.
- 76.8% efficient (3 lamp TT5).
- Clean contoured interior.
- Hemmed over side rails for maximum safety.
- Fixture ends turned-in for safe handling.
- Built-in earthquake clips (patent no. 5,072,344).
- Slimline door frame with 475 square inch lens opening.
- Door jamb finished black on four sides for positive light stop.
- True mitered corner steel lens frame.
- Spring loaded rooster head latches.
- 18 gauge steel hinges.
- Flat and regressed aluminum doors available.



MOUNTING METHODS



DIMENSIONS



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte Thomas Company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

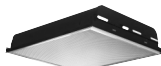
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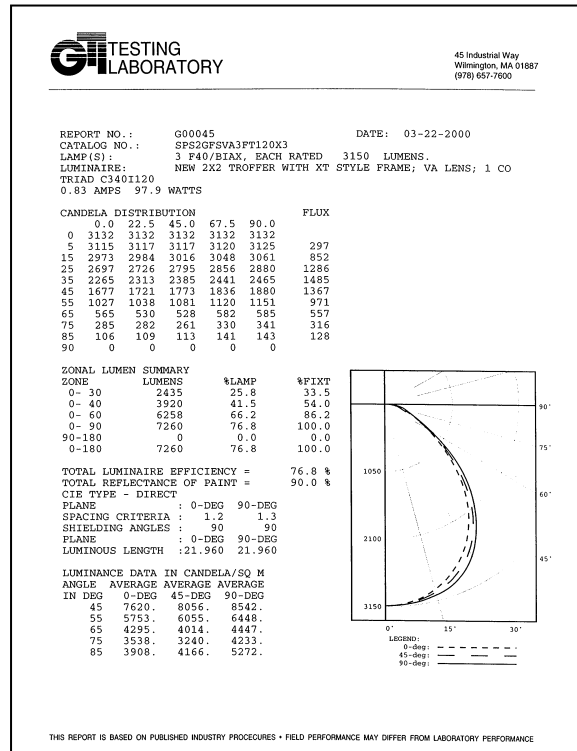
LIGHTOLIER



SPECPLUS SPS2GFSVA2FT or 3FT

Page 2 of 2 2'x2' RECESSED FLUORESCENT, LENS FRAME TROFFER, STATIC, 2 OR 3 LAMP, TWIN TUBE T5

PHOTOMETRY



MODEL NO. SPS2GFSVA3FT

Luminaire Efficacy Rating
LER-65.2 Watts-97.9 BF-0.88

coefficients of utilization — zonal cavity method (effective floor cavity reflectance 0.20)

RF	20	20	20
RC	80	50	30
RW	70	50	30
1	84	81	78
2	78	72	67
3	71	64	58
4	66	57	51
5	61	52	45
6	56	47	40
7	53	43	36
8	49	39	33
9	46	36	30
10	43	33	28

visual comfort probability (rated lumens per lamp 3150.)

room size		ceiling height				ceiling height			
W	L	8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
20	20	45	49	55	62	42	47	52	59
20	30	38	42	45	51	35	39	43	49
20	40	35	37	41	45	30	33	38	42
20	60	32	34	37	40	27	30	33	37
30	20	46	50	54	60	45	49	53	58
30	30	39	42	45	50	36	40	43	48
30	40	35	38	40	43	31	34	37	41
30	60	32	34	36	38	27	30	32	35
30	80	30	32	33	36	25	28	29	32
40	20	48	52	56	60	47	51	55	59
40	30	40	44	46	50	38	42	45	49
40	40	36	39	41	43	32	35	38	41
40	60	32	35	36	38	28	31	32	36
40	80	31	33	33	36	26	28	29	32
40	100	30	32	32	34	25	27	27	30
60	30	41	45	47	51	40	43	46	50
60	40	36	39	41	44	34	37	39	42
60	60	33	35	36	39	29	31	33	36
60	80	31	33	33	35	26	28	29	32
60	100	30	31	31	33	25	27	27	29
100	40	39	42	43	46	37	40	42	46
100	60	35	37	37	41	32	34	35	39
100	80	33	34	34	37	29	31	31	34
100	100	32	33	32	34	28	29	29	30

ORDERING INFORMATION

Explanation of Catalog Number. Example: SPS2GFSVA3FT120X3GLR

SP	S	2			VA		FT			
SPECPLUS: Recessed fluorescent troffer	STATIC	FIXTURE WIDTH	CEILING TYPE: G=Grid (lay-in T bar) F=Flanged (overlap) Z spline and plaster frame	LENS FRAME: FS=Flat steel frame RA=Regressed aluminum frame FA=Flat aluminum frame	LENS/SHIELDING TYPE: VA (virgin acrylic) standard (see options and consult factory)	LAMP QUANTITY 2=2 Lamp 3=3 Lamp	LAMP/ FIXTURE LENGTH: (Nominal 24") Twin Tube T5	VOLTAGE: 120 or 277	BALLAST TYPE: <20THD SB* X3* PB 1-2 Lamp Elec. TT5 (40 Watt) 1-3 Lamp Elec. TT5 (40 Watt) LOL TT5 Dimming *Instant Start Standard Other dimming options. Consult factory.	OPTIONS: Add appropriate suf- fix to catalog no., ie: (GLR) <10THD IB* I3*

OPTIONS & ACCESSORIES

SPECIAL LENSES: Substitute VB for VA (standard) = .125" nominal pattern 12 with 7.8 oz. average weight per square foot. Substitute VI for VA (standard) = .125" nominal pattern 12 with 6.8 oz. average weight per square foot.

PLASTER FRAME: Catalog Number PF22.

CONTINUOUS ROW INSTALLATION: For F type fixtures, half width flanges are required between fixtures. Order Catalog Number: SZFTCRIM (each joint).

RADIO INTERFERENCE FILTER: 120 or 277 volt, 50 or 60 Hz. One per fixture is standard. SUFFIX: RF.

FUSING: Internal fast-blow fusing.
SUFFIX: GLR.
Internal slow-blow fusing.
SUFFIX: GMF.

ELECTRICAL/WIRING OPTIONS: Consult factory.

DRYWALL KIT: Order Catalog Number: FK92X2.
Request Folio OA30-10.

CHICAGO PLENUM: SUFFIX: CP.

SPECIFICATIONS

PERFORMANCE: In an installation of 3 lamp 40W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .81. To prevent glare the VCP shall not be less than 29 either lengthwise or crosswise (at 100fc level), and the average brightness at 65° shall not exceed 4447 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 66.5%.

SPECIFICATIONS (continued)

MATERIALS: Chassis parts are die-formed cold rolled steel. **Housing** with side rails hemmed over and housing ends turned-in for safe handling.

FINISH: Chassis exterior—black baked polyester enamel. **Cavity**—white baked polyester enamel minimum 86% reflectance. Phosphate undercoating.

LENSES: VA (standard) extruded virgin acrylic, 3/16" square based female cones, running 45° to the panel edge, .095" nominal thickness (similar to pattern 12). VB (optional) .125" nominal pattern 12 with 7.8 oz. average weight per square foot. VI (optional) .125" nominal pattern 12 with 6.8 oz. average weight per square foot.

ELECTRICAL: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

LABELS: I.B.E.W./UL and C-UL.

Job Information

Type:

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